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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/579,331	05/25/2000	Roger V. Beathard	062891.0406	7232

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07/27/2004

EXAMINER

KNOWLIN, THJUAN P

ART UNIT	PAPER NUMBER
2642	9

DATE MAILED: 07/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/579,331

Applicant(s)

BEATHARD ET AL.

Examiner

Thjuan P Knowlin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 December 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4, 6-16, 18-46 and 48-51 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 6-16, 18-46 and 48-51 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6 and 7.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
2. Claims 1-4, 6-16, 18-46, and 48-51 are rejected under 35 U.S.C. 102(e) as being anticipated by Shenoda et al (US 6,389,130).
3. In regards to claims 1, 12, 13, 25, 33, 34, 38, 39, 40, 43, and 44, Shenoda discloses a method and call manager for call routing, comprising: receiving a call request at a first call manager (multi-purpose switch 620) from a first telephony device (telephone 600) coupled to a packet-based network (ATM network 640), the call request including a telephone number associated with a second telephony device (telephone 670); accessing a route list (global routing tables 412, system routing tables 414, and management routing tables 440) associated with the telephone number to determine a port of a gateway device operable to transmit the call request to the second telephony device (col. 6 lines 39-46), wherein the route list comprises one or more route groups, each route group including a list of one or more ports of one or more gateway devices (col. 6 lines 39-63; and communicating the call request to a second call manager (multi-purpose switch 650) controlling the gateway device included in the route list (col. 10 lines 11-28 and col. 10 lines 52-58).
4. In regards to claims 2 and 14, Shenoda discloses the method and call manager, wherein: the packet-based network comprises an Internet Protocol (IP) network

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(Internet backbone 200); the first telephony device comprises an IP telephony device (telephone 226); and the second telephony device comprises a non-IP telephony device (telephone 252) (Fig. 2 and col. 4 lines 26-52).

5. In regards to claims 3, 4, 11, 15, 16, 19, 27, 28, 29, 30, 31, 32, 35, 36, 45, and 46, Shenoda discloses the method and call manager, further comprising: accessing a registration information table to determine a process identification of a route list control process executed by the first call manager and associated with the telephone number; and communicating the call request to the route list control process using the identification, the route list control process operable to access the route list (col. 5 lines 32-38, col. 5 lines 51-63, and col. 6 lines 39-52).

6. In regards to claims 6, 7, 18, 23, 24, 37, 42, and 48, Shenoda discloses the method and call manager, further comprising: communicating the device name of the gateway device to a device manager executed by the first call manager; and accessing a device name mapping table using the device manager to determine a identification of a first device process executed by the second call manager and controlling the gateway device (col. 9-10 lines 66-28).

7. In regards to claims 8, 9, 20, and 49, Shenoda discloses the method and call manager, further comprising: communicating the call request and the port number from the first device process to the gateway device; receiving a call proceed signal from the gateway device indicating acceptance of the call request; and communicating the call proceed signal from the second call manager to the first call manager (col. 10-11 lines 52-25).

8. In regards to claims 10, 21, 22, 26, 41, 50, and 51, Shenoda discloses the method and call manager, further comprising: communicating the call request and the port number from the first device process to the gateway device; receiving a call denial signal from the gateway device indicating a denial of the call request; and communicating the call denial signal from the second call manager to the first call manager (col. 2 lines 39-58).

Response to Arguments

9. Applicant's arguments filed 12/31/03 have been fully considered but they are not persuasive. Applicants state that Shenoda et al does not disclose "accessing a route list associated with the telephone number to determine a port or a gateway device operable to transmit the call request to the second telephony device, wherein the route list comprises one or more route groups, each route group including a list of one or more ports of one or more gateway devices." Applicants further argue that the limitation of "accessing a registration information table to determine a process identification (PID) of a route list control process", is not taught by Shenoda et al. Applicants also argue that Shenoda et al fail to disclose a device name mapping table using the device manager to determine a PID of a first device process executed by the second call manager and controlling the gateway device, nor is there a signal indicating that a second call manager has gone-off line.

10. Examiner respectfully disagrees with these arguments. Shenoda et al does disclose "accessing a route list (global routing tables 412, system routing tables 414,

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and management routing tables 440) associated with the telephone number to determine a port or a gateway device operable to transmit the call request to the second telephony device (telephone 670 and col. 6 lines 39-46), wherein the route list comprises one or more route groups, each route group including a list of one or more ports of one or more gateway devices (col. 6 line 39-63).” Shenoda et al also disclose “accessing a registration information table to determine a process identification of a route list control process (col. 5 lines 32-38, col. 5 lines 51-63, and col. 6 lines 39-52). A device name mapping table using the device manager to determine a PID of a first device process executed by the second call manager and controlling the gateway device, is disclosed by Shenoda et al (col. 9-10 lines 66-28). Shenoda et al also use a signal indicating that a second call manager has gone-off line (col. 2 lines 39-58).

Conclusion

11. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

12. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of


the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thjuan P Knowlin whose telephone number is (703) 308-1727. The examiner can normally be reached on Mon-Fri 8:00-4:30pm.

14. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (703)305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

15. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thjuan P. Knowlin
July 12, 2004


AHMAD MATAR
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